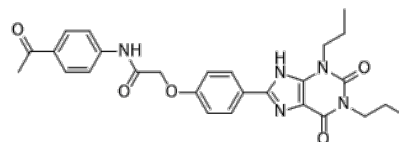


Product Name : MRS-1706
Cat. No. : PC-22753
CAS No. : 264622-53-9
Molecular Formula : C₂₇H₂₉N₅O₅
Molecular Weight : 503.56
Target : Adenosine Receptor
Solubility : 10 mM in DMSO



Biological Activity

MRS-1706 (MRS1706) is a potent and selective adenosine A2B receptor (A2BR) inverse agonist / antagonist with K_i of 1.39 nM, >100-fold selective over A2A, A1 and A3 receptors.

References

- Quintas C, et al. Neuroscience. 2011 May 19;182:32-42.
Breschi MC, et al. Eur J Pharmacol. 2007 Dec 1;575(1-3):149-57.
Li Q, et al. J Pharmacol Exp Ther. 2007 Feb;320(2):637-45.
Trincavelli ML, et al. J Neurochem. 2004 Dec;91(5):1180-90.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

E-mail: tech@probechem.com